



PROTERRA



TECHNICAL SERVICE BULLETIN

ISSUE DATE:	3-8-2021
SERVICE BULLETIN SUBJECT:	Air Compressor Drain Plug Retrofit
VINs or MODELS AFFECTED:	Service Specified Buses
COMPLETE BY:	Next Service Opportunity
SERVICE BULLETIN #:	SC-21-34
Labor Operation Code:	BC42Z

NOTICE! It is expected that this process will require 1 hour per bus. Please schedule appropriately to minimize vehicle downtime.

AIR COMPRESSOR DRAIN PLUG RETROFIT

Retrofit Description:

This procedure replaces the fill hose on the air compressor with a drain plug for buses having leakage issues at the hose and who do not require the fill hose to service the compressor.

Tools/Parts Required

Tools and Supplies Required:

- Ratchet
- 22mm Socket
- Calibrated Torque Wrench

Kit Parts Required:

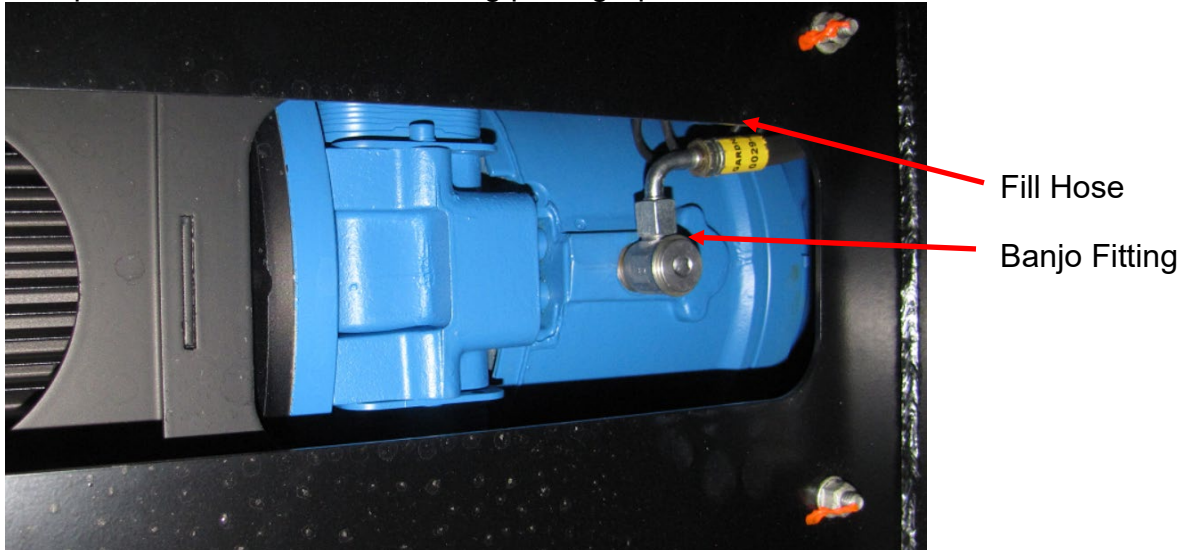
- 057080 OIL DRAIN PLUG KIT (Consisting of)
 - 057078 PLUG, OIL DRAIN 1 EA
 - 057079 SEAL, OIL DRAIN PLUG 1 EA

Additional Parts Required:

- 018384 OIL, COMPRESSOR, HYDROVANE HPO As Required

Procedure

1. Perform the Proterra approved Lockout/Tagout procedure to make the bus safe for work.
2. Allow the compressor five minutes of idle time for the sump housing to depressurize before beginning work.
3. Place a catch pan and Shop Towels underneath the compressor banjo fitting of the Air Compressor shown in the following photograph.

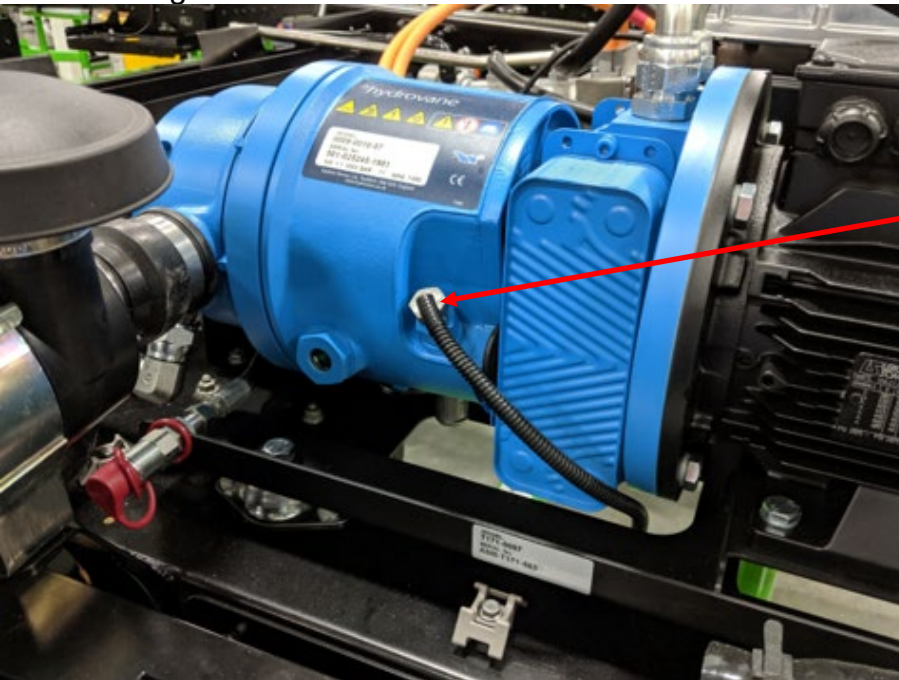


4. Using an 8mm Allen Driver and a 17mm Combination Wrench, loosen and remove the Banjo Fitting and fill hose shown in the previous photograph. Discard the Fill Hose and Banjo Fitting.
5. Install the Plug (057078) and Seal (057079) in place of the Banjo Fitting.



6. Using a 22 mm Socket with a Calibrated Torque Wrench, **torque the plug to 195 inch pounds.**

- Using a 17mm Combination Wrench, remove the thermistor fitting shown below. Be careful not to damage the thermistor.



Thermistor Fitting

- Using a Plastic Cup, fill the compressor with oil until it is level with the bottom threads on the thermistor well. Check to sight glass as well to ensure that it shows the compressor is filled with oil.



- Replace the thermistor in the compressor. Tighten it until it is hand tight.
- Using Shop Towels, clean up any oil that seeps out of the compressor.
- Using a 17mm Combination Wrench, tighten the thermistor 1/2 turn past hand tight.
- Using Shop Towels, clean up any excess oil.
- Remove the Lockout/Tagout devices and return the bus to service.